## **WEST Search History**

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DATE: Monday, September 17, 2007

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	DB=F	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR = YES; OP = ADJ	•
	L14	visser.in. and (fetzner)	1
	L13	L12 and ((((parallel or PPA) with imag\$4) or "PI") with (scan or sequence or trial or run))	3
. <b>.</b>	L12	visser.in.	2609
	L11	20050007113.pn.	2
	L10	20040263167.pn.	2
	L9	20040263167.pn/	. 0
	L8	20030055330.pn.	2
	L7	L6 and (((gradient or spin) with (echo\$4)) or "GE" or "gre" or "SE")	15
	L6	L5 and (((((parallel or PPA) with imag\$4) or "PI") with (scan or sequence or trial or run)) same ((calibrat\$4 or referenc\$3 or preliminary or initial\$2 or preparatoty) with (scan or sequence or trial or run)) same (phas\$4 with encod\$4))	16
	L5	L4 and (phas\$4 with encod\$4)	144
Γ	L4	L3 and ((((parallel or PPA) with imag\$4) or "PI") with (scan or sequence or trial or run))	765
	L3	L2 and ((calibrat\$4 or referenc\$3 or preliminary or initial\$2 or preparatoty) with (scan or sequence or trial or run))	5000
	L2	L1 and (((parallel or PPA) with imag\$4) or "PI")	26277
	L1	((magnetic adj resonan@2) or MRI or NMR)	219401

END OF SEARCH HISTORY

## **Hit List**

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**Search Results** - Record(s) 1 through 15 of 15 returned.

☐ 1. Document ID: US 20070182410 A1

L7: Entry 1 of 15

File: PGPB

Aug 9, 2007

PGPUB-DOCUMENT-NUMBER: 20070182410

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070182410 A1

TITLE: Coil sensitivity estimation for parallel imaging

PUBLICATION-DATE: August 9, 2007

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Niemi; Anne Kristiina Helsinki FI
Tanttu; Jukka Iimari Espoo FI
Ylihautala; Mika Petri Vantaa FI

US-CL-CURRENT: 324/307; 324/309, 324/318

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KiMC Draw Desc Image

☐ 2. Document ID: US 20060161060 A1

L7: Entry 2 of 15 File: PGPB Jul 20, 2006

PGPUB-DOCUMENT-NUMBER: 20060161060

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060161060 A1

TITLE: Multi-echo magnetic resonance imaging method and system

PUBLICATION-DATE: July 20, 2006

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Pai; Vinay M. New York NY US

US-CL-CURRENT: 600/431; 324/307, 324/309, 600/413

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw Desc Image

☐ 3. Document ID: US 20060058634 A1

L7: Entry 3 of 15 File: PGPB Mar 16, 2006

Record List Display

Page 2 of 7

PGPUB-DOCUMENT-NUMBER: 20060058634

: PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060058634 A1

TITLE: MR image production method and MRI apparatus

PUBLICATION-DATE: March 16, 2006

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Ikezaki; Yoshikazu Tokyo JP

US-CL-CURRENT: 600/410

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KiMC Draw Desc Image

☐ 4. Document ID: US 7199583 B2

L7: Entry 4 of 15 File: USPT Apr 3, 2007

US-PAT-NO: 7199583

DOCUMENT-IDENTIFIER: US 7199583 B2

TITLE: MR image production method and  $\underline{MRI}$  apparatus

DATE-ISSUED: April 3, 2007

PRIOR-PUBLICATION:

DOC-ID DATE

US 20060058634 A1 March 16, 2006

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Ikezaki; Yoshikazu Tokyo JP

US-CL-CURRENT: 324/309

Full Title Citation Front Review Classification Date Reference

5. Document ID: US 7187791 B2

L7: Entry 5 of 15 File: USPT Mar 6, 2007

US-PAT-NO: 7187791

DOCUMENT-IDENTIFIER: US 7187791 B2

TITLE: Coil sensitivity map generating method, parallel imaging method, and MRI apparatus

DATE-ISSUED: March 6, 2007

PRIOR-PUBLICATION:

DOC-ID DATE

US 20030228043 A1 December 11, 2003

Record List Display

Page 3 of 7

INVENTOR-INFORMATION:

· NAME

CITY

STATE

ZIP CODE

COUNTRY

Ikezaki; Yoshikazu

Tokyo

JP

US-CL-CURRENT: 382/128; 324/306, 324/307, 324/309, 382/131

Full Title Citation Front Review Classification Date Reference

☐ 6. Document ID: US 7064547 B1

L7: Entry 6 of 15

File: USPT

Jun 20, 2006

US-PAT-NO: 7064547

DOCUMENT-IDENTIFIER: US 7064547 B1

\*\* See image for Certificate of Correction \*\*

TITLE: Method and apparatus of M/r imaging with coil calibration data acquisition

DATE-ISSUED: June 20, 2006

INVENTOR-INFORMATION:

CITY STATE ZIP CODE COUNTRY NAME

New Berlin WI US King; Kevin F. Hartland WI . US Angelos; Elisabeth Polzin; Jason A. Lake Mills WI US

US-CL-CURRENT: 324/309

Full Title Citation Front Review Classification Date Reference

7. Document ID: US 6389304 B1

L7: Entry 7 of 15

File: USPT

May 14, 2002

US-PAT-NO: 6389304

DOCUMENT-IDENTIFIER: US 6389304 B1

TITLE: Method of and device for imaging an object by means of magnetic resonance

DATE-ISSUED: May 14, 2002

INVENTOR-INFORMATION:

ZIP CODE COUNTRY CITY STATE NAME

NLVan Den Brink; Johan S. Eindhoven Folkers; Paulus J. M. Eindhoven NL

US-CL-CURRENT: 600/419; 324/306, 324/307, 324/309, 600/420

Full Title Citation Front Review Classification Date Reference Classification Claims RMC Draw Desc Image

8. Document ID: US 6331777 B1

Record List Display

Page 4 of 7

L7: Entry 8 of 15

File: USPT

Dec 18, 2001

US-PAT-NO: 6331777

DOCUMENT-IDENTIFIER: US 6331777 B1

TITLE: Magnetic resonance method and device

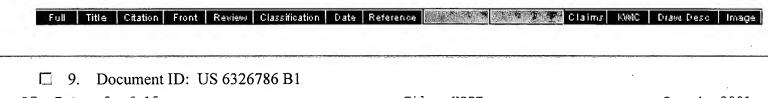
DATE-ISSUED: December 18, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Van Den Brink; Johan S.EindhovenNLVan Muiswinkel; Arianne M. C.EindhovenNL

US-CL-CURRENT: 324/312; 324/307



L7: Entry 9 of 15

File: USPT Dec 4, 2001

US-PAT-NO: 6326786

DOCUMENT-IDENTIFIER: US 6326786 B1

TITLE: Magnetic resonance imaging method and apparatus

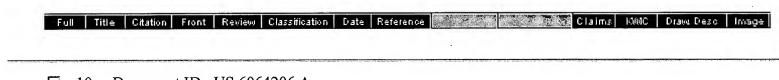
DATE-ISSUED: December 4, 2001

INVENTOR-INFORMATION:

NAME · CITY STATE ZIP CODE COUNTRY

Pruessmann; Klaas P. Zurich CH
Weiger; Markus Dietikon CH
Scheidegger; Markus B. Bisikon CH
Boesiger; Peter Ennetbaden CH

US-CL-CURRENT: 324/312; 324/309



☐ 10. Document ID: US 6064206 A

L7: Entry 10 of 15 File: USPT May 16, 2000

US-PAT-NO: 6064206

DOCUMENT-IDENTIFIER: US 6064206 A

TITLE: Method of and device for determining a temperature distribution in an object by means of

magnetic resonance

DATE-ISSUED: May 16, 2000

INVENTOR-INFORMATION:

NÀME

CITY

STATE ,

Van Vaals; Johannes J.

Eindhoven

ZIP CODE

COUNTRY

Smink; Jouke

Eindhoven

NLNL

US-CL-CURRENT: <u>324/312</u>; <u>324/309</u>, <u>324/318</u>, <u>324/322</u>, <u>600/412</u>

☐ 11. Document ID: US 5910728 A

L7: Entry 11 of 15

File: USPT

Jun 8, 1999

US-PAT-NO: 5910728

DOCUMENT-IDENTIFIER: US 5910728 A

TITLE: Simultaneous acquisition of spatial harmonics (SMASH): ultra-fast imaging with

radiofrequency coil arrays

DATE-ISSUED: June 8, 1999

INVENTOR-INFORMATION:

CITY STATE ZIP CODE COUNTRY NAME

Sodickson; Daniel Kevin Cambridge MA

US-CL-CURRENT: 324/309

Full Title Citation Front Review Classification Date Reference Claims RMC Draw Desc Image

☐ 12. Document ID: US 4609872 A

L7: Entry 12 of 15

File: USPT

Sep 2, 1986

US-PAT-NO: 4609872

DOCUMENT-IDENTIFIER: US 4609872 A

TITLE: NMR multiple-echo phase-contrast blood flow imaging

DATE-ISSUED: September 2, 1986

INVENTOR-INFORMATION:

CITY STATE ZIP CODE COUNTRY NAME

O'Donnell; Matthew Schenectady NY

US-CL-CURRENT: 324/306; 324/309

Claims KNNC Draw Desc Image Full Title Citation Front Review Classification Date Reference

☐ 13. Document ID: WO 2005071429 A1

L7: Entry 13 of 15

File: EPAB

Aug 4, 2005

PUB-NO: WO2005071429A1

DOCUMENT-IDENTIFIER: WO 2005071429 A1

TITLE: COIL SENSITIVITY ESTIMATION FOR PARALLEL IMAGING

Full Title Citation Front Review Classification Date Reference Company Claims KMC Draws Desc Image .

☐ 14. Document ID: CN 1939213 A, US 20070075707 A1, JP 2007090001 A

L7: Entry 14 of 15

File: DWPI

Apr 4, 2007

DERWENT-ACC-NO: 2007-555956

DERWENT-WEEK: 200758

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TITLE: Magnetic resonance scanning method for use in magnetic resonance  $\underline{\text{imaging}}$  apparatus, involves using  $\underline{\text{sequence}}$  with flow compensation pulse added in  $\underline{\text{calibration scan of parallel}}$  imaging

Full Title Citation Front Review Classification Date Reference

15. Document ID: US 20070182410 A1, WO 2005071429 A1, EP 1709459 A1, CN 1910470 A, JP 2007517573 W

L7: Entry 15 of 15

File: DWPI

Aug 9, 2007

DERWENT-ACC-NO: 2005-555510

DERWENT-WEEK: 200754

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TITLE: Coil sensitivity estimation in magnetic resonance <u>imaging</u> apparatus, involves using <u>spin</u> <u>or gradient echo sequence</u> matching in-plane <u>phase encode</u> direction of <u>calibration and parallel</u> <u>imaging sequence for calibration of parallel image</u>

ear Generate Collection Print Fwd Refs Bkwd Refs	Generate OACS
Term	Documents
GRADIENT	350442
GRADIENTS	85925
SPIN	302072
SPINS	31653
GE	1289982
GES	104601
GRE	53591
GRES	1976
SE	3332960
SES	93814

"SE") ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.

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<u>Previous Page</u> <u>Next Page</u> <u>Go to Doc#</u>